

By Jan 7th

RECOMMENDATIONS

The following recommendations are based on the research capability to develop and implement cost effective methods of waste volume reduction (Assume 100% reduction is desirable)

- | | <u>ORGN.</u> |
|---|-------------------|
| I. CYANIDES - no segregation problem | |
| 1. a) Evaluate adequacy of Cn^- waste handling procedures to control Cn^- contamination of rinse waters | MR&D |
| b) Rewrite if necessary | |
| 2. Conduct employee training to reduce Cn^- rinse volumes per #1 | MR&D |
| 3. Conduct research to achieve electrolytic reduction/destruction in process lines | MR&D |
| II. SOLVENTS | |
| 1. Recycle degreaser solvent: add spent fluid from degreasers without stills to those with stills. Write procedure, coordinate implementation. (Facilities, Q.C.?) | Waste Admn. |
| 2. Identify other solvent uses generating large volumes of excess waste. Run programs when necessary. Write solvent conservation procedures and retrain affected employees. | MR&D |
| 3. Prepare written solvent waste segregation guidelines; implementation by MR&D (Factory Support) | Waste Admn./MR&D |
| III. COOLANT OILS | |
| 1. Complete research to extend coolant life | MR&D |
| 2. Assess feasibility of micro-filtering coolant and project benefit. | MR&D |
| 3. a) Determine feasibility of processing coolant from other sites at Auburn treatment facility. | Auburn Facilities |
| b) Specify acceptable volumes and contamination levels for incoming waste loads. | |
| 4. a) Write guidelines for coolant waste segregation and storage to assure compatibility with Auburn treatment facility, as specified above. | Waste Admn. |
| b) Forecast division waste volumes per 4(a) and coordinate with Auburn Facilities | Waste Admn. |

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